

Notice of Allowability	Application No. 09/384,088	Applicant(s) MURRAY ET AL.	
	Examiner Srirama Channavajjala	Art Unit 2166	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/25/05.
2. ☒ The allowed claim(s) is/are 1-32,37,40-43 [re-numbered as:1-37].
3. ☒ The drawings filed on 27 January 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

1. Examiner noted "Decision on Appeal" mailed on 1/25/2005.
2. In view of applicant's filed "terminal disclaimer" on 3/25/2005, the "Double Patenting" set forth in the previous office action is hereby withdrawn.
3. Examiner acknowledges applicant's amendment filed on 1/27/2003, paper no.24.
4. Claims 33-36,38-39 have been cancelled, paper no. # 24.
5. Claims 40-43 have been added, paper no. # 24.
6. Claims 1-2,9-10,17-18,25-26 and 37 have been amended, paper no. # 24.
7. In view of applicant's amendment to Claims 2,10,18,26, the rejection under 35 USC 112, second paragraph as set forth in paper no. # 21 is hereby withdrawn.
8. The request filed on August 28, 2002 for a Continued Prosecution Application (CPA) under 37 CFR 1.53(d) based on Application No. 09/384,088 is acceptable and a CPA has been established, paper no. # 19.
9. Examiner acknowledges applicant's Preliminary Amendment and response to the previous office action filed on 8/28/2002, paper no. # 20.
10. Claims 1,9,17,25, and 33-36 have been amended, paper no. # 20.
11. Claims 37-39 have been added, paper no. # 20.
12. Examiner acknowledges applicant's Amendment filed on 4/10/2002, paper no.12.
13. Examiner acknowledges applicant's supplemental response to paper no.# 9 filed on 4/10/2002, paper no.15
14. Claims 33-36 have been added, paper no. # 12.

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15. Claims 1-32,37,40-43 are pending in this application.

Drawings

16. The formal Drawing filed on 1/27/2003 are approved by the Draftsperson under 37CFR 1.84 or 1.152.

17. Examiner approved proposed drawing fig 5-6, a copy of approved drawings herewith enclosed with this office action, formal drawings are required in response to this office action, paper no. # 26.

18. Examiner acknowledges applicant's formal drawings filed on 4/10/2002, paper no. # 13

19. Examiner approved proposed drawing corrections to fig 1, a copy of approved drawing herewith enclosed, paper no. # 16, formal drawing(s) are required in response to this office action, paper no. # 16.

Priority

20. Acknowledgment is made of applicant's claim for domestic priority under 35 U.S.C. 119(e) based on the Provisional Application Serial No. 60/114,574, filed on 12/31/1998.

Information Disclosure Statement

21. The supplemental information disclosure statement PTO-1449 filed on 3/18/2005 has been considered and a copy was enclosed with this office action.
22. The supplemental information disclosure statement filed on 7/10/2002, paper no. # 17 has been considered and a copy was enclosed with this office action, paper no. # 21.
23. The information disclosure statement filed on 8/27/1999, paper no. # 5 has been considered and a copy was enclosed with this office action, paper no. # 9.
24. The information disclosure statement filed on 4/10/2002, paper no. # 14 has been considered and a copy was enclosed with this office action, paper no. # 16.

Specification

25. Examiner acknowledges applicant provided the citation to the Cross-Referenced applications, however, applicant required including updating their status in response to this office action, paper no. # 26

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Pursuant to MPEP 606.01 the **Title** is changed to read:

**---- SYSTEM AND METHOD FOR EVALUATING CHARACTERS IN AN INPUTTED
SEARCH STRING AGAINST A CHARACTER TABLE BANK COMPRISING A
PREDETERMINED NUMBER OF COLUMNS THAT CORRESPOND TO A
PLURALITY OF PRE-DETERMINED CANDIDATE CHARACTER SETS IN ORDER
TO PROVIDE ENHANCED FULL TEXT SEARCH ----**

Reasons for allowance

The following is an examiner's statement of reasons for allowance:

The present invention is directed to method for comparing each character of a textual message associated with an undetermined language to predetermined candidate character sets, more specifically if the language of the message is unknown, then the system parses each character of the accepted message and evaluates each character against candidate character sets corresponding to various languages so as to identify character sets that can express that message.

The newly cited art Chan,Ning-Ping et al. is directed to translingual translation of query and search and retrieval of multilingual, more specifically translates intelligently and standardized keyword or query input by the user in a source language into the target language, further performs the function of dialectally standardizing the content word/words extracted from the input query [page 5].

Ricardo Baeza-Yates et al. directed to text searching, more specifically state of the search generating don't care symbols, the complement of a symbol, and any finite class of symbols, further string matching, empirical results show that the new algorithm compares with Mnuth-Morris-Paratt algorithm for any pattern length and the other algorithm for shot patterns [BM algorithm] see page 74-75.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Srirama Channavajjala whose telephone number is 571-272-4108. The examiner can normally be reached on Monday-Friday from 8:00 AM to 5:30 PM Eastern Time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alam, Hosain, T, can be reached on (571) 272-3978. The fax phone numbers for the organization where the application or proceeding is assigned is 703/872-9306 Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free)

SC
Patent Examiner.
May 17, 2005.


SRIRAMA CHANNAVAJJALA
PRIMARY EXAMINER